

## Who We Are

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### About Us

Dr. Cecchi offers a wide variety of eye and vision related services.

Specializing in cataract surgery, he also offers comprehensive eye exams, glaucoma screening and treatment, macular degeneration monitoring, and functional eyelid surgery.

### Contact Us

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What is Corneal  
Endothelial  
Dystrophy?



# What is Corneal Endothelial Dystrophy?

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Corneal Endothelial Dystrophy (CED) is a condition within the eye diagnosed by your eye doctor. It is a fairly common condition which affects both eyes and is inherited. Its severe form is known as Fuchs' dystrophy. CED is a dysfunction of the inner layer of cells lining the cornea. This layer serves to keep the cornea crystal clear. As it deteriorates, the clarity of the cornea may also decrease, causing visual problems. Symptoms include cloudy or fuzzy vision or simply a worsening quality of vision. Typically it starts out worst in the morning gradually getting better toward the end of the day.

More reading may be found online at [cornealdystrophyfoundation.org](http://cornealdystrophyfoundation.org) and [aao.org](http://aao.org).

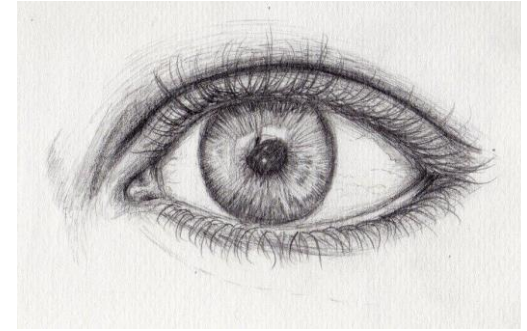
## Why is it important?

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Corneal endothelial dystrophy may affect the quality of vision. This is especially important if cataract surgery is being considered. With any cataract surgery, it is important to assess the likelihood of visual improvement. CED can decrease visual potential and quality of vision after cataract surgery.

Second, if the cataract is dense or advanced, the recovery after surgery may be prolonged. On account of requiring extra energy to remove the cataract, there may be extra swelling in the cornea on account of the CED. This is most often improved with the use of eye drops prescribed after cataract surgery. In rare cases eye may require a second surgery to replace the inner lining of the cornea known as DSEK.

Because of the added risk with advanced cataract in the setting of CED, the American Academy of Cataract and Refractive Surgery may recommend earlier cataract surgery to avoid prolonged healing.



## What should I do?

Dr. Cecchi will alert you of this condition. In some cases hypertonic saline eye drops are recommended. Serial testing of corneal thickness is also recommended for more advanced cases. In some cases a consultation with a cornea specialist is recommended for considerations of surgical options.